

AURORA



Key Features

- 15.4" WXGA Active Matrix Glossy LCD TFT
- Mobile Intel® PM965 Express Chipset
- Intel® Core 2™ Processor
- 800 MHz Front Side Bus (FSB)
- Maximum 4 GB of DDR2 SDRAM
- NVIDIA® GeForce® 8400M-G Graphics
- Integrated 4-in-1 Memory Card Reader
- DVD+/-RW Supermulti Drive
- Integrated Bluetooth 2.0
- Integrated 1.3 MP Digital Camera
- Supports Intel® Wireless 4965AGN or 3945ABG
- ACPI and PC '01 Compliant
- FCC DoC, CE, UL Listed, EPA Energy Star Compliant

Aurora 510V Series Notebook

Get connected with the Aurora 510V Series Notebook, a brilliantly savvy laptop that fuses electrifying performance with a sleek and lithe design. Powered by Intel's® latest PM965 Express Chipset, Aurora provides unparalleled system performance. Key features include the Intel® Advanced Digital Media Boost, which accelerates a broad range of applications, such as video, speech and image, training, engineering, finance and scientific applications. Also, the Intel® Intelligent Power Capability delivers more energy-efficient performance and smarter battery performance. NVIDIA® GeForce® Graphics provide an exceptional multimedia experience. Aurora also supports the Intel® Wireless 4965AGN, which offers deployment flexibility and connectivity convenience via a quad mode solution, including Draft-N. Four high-speed USB 2.0 ports make it simple to connect to peripheral, communication and consumer electronic devices. As a result, Aurora is the perfect balance of powerful performance and versatility, designed to meet a broad range of business needs, and can significantly enhance on-the-job performance and productivity.



Model NBS190

Aurora 510V Series Notebook

Processor

Intel® Core™ 2 Duo Mobile Processor Package Type Micro-FCPGA
T7700 4 MB L2 Cache, 2.4 GHz, 800 MHz FSB
T7500 4 MB L2 Cache, 2.2 GHz, 800 MHz FSB
T7300 4 MB L2 Cache, 2 GHz, 800 MHz FSB
T7100 2 MB L2 Cache, 1.80 GHz, 800 MHz FSB
Celeron 520 1 MB L2 Cache, 1.73 GHz, 533 MHz FSB
Celeron 530 1 MB L2 Cache, 1.60 GHz, 533 MHz FSB

Chipset

Intel® PM965 Chipset
Intel® 82PM965 Chipset Memory Controller Hub (MCH)
Intel® 82801 HBM/HEM I/O Controller Hub Mobile (ICH8-M)

BIOS

AMI 4MB Flash EProm, PMU, Plug & Play
ACPI 2.0, SMBIOS & Fast Boot Support

System Memory

Two SO-DIMM Sockets Supporting DDR2 SDRAM
667 MHz SO-DIMM
Maximum Memory Expansion of 4 GB

I/O Ports

Four USB 2.0 Ports
One 15-pin VGA Port/Mini D-Sub for External Monitor
One IEEE 1394 Port
One RJ-11 Modem Port
One RJ-45 LAN Port
One S-Video (TV OUT)
One Mic-In
One Headphone Out

Hard Disk Drive

SATA 9.5 mm 2.5" Hard Disk Drive Support

Optical Drive Bay

Built-in Super-Multi Drive (LightScribe)
(Supports DVD±R, DVD±RW, DVD-RAM, CD±R, and CD±RW)

PCMCIA

One ExpressCard™ Card Slot
Universal Architecture Supporting PCI Express (x1) and USB 2.0
ExpressCard™134 Modules
ExpressCard™154 Modules

Flash Memory Card Reader

Integrated 4-in-1 Memory Card Reader
Secure Digital (SD), Multi-Media Card (MMC), Memory Stick (MS), Memory Stick Pro Supported

Security Lock

Kensington® Lock Ready

Dimensions (W x D x H)

395 x 278 X 26.5-34.9 mm / 15.6 x 10.9 x 1.04-1.4 in

Weight (Full System with 6 Cell Battery)

2.6 kg / 5.85 lbs

Display Screen

TG14: 15.4" WXGA Active Matrix Glossy LCD TFT, 1280 x 800

Built-in Digital Camera

Integrated 1.3 MP CMOS Digital Camera

Video Controller

NVIDIA® GeForce® Go 8400M-G 256 MB
Full Support for Microsoft DirectX 10
PowerMizer 7.0 Technology - Advanced Power Management

Sound System

Integrated Realtek® ALC888H 2-Channel High Definition Audio Subsystem
Intel® 82801 GB I/O Controller Hub (ICH8-M)

Battery

Primary 6 Cell Li-Ion Smart Battery, 4400mAh
Normal Battery Life: 2 Hours (BatteryMark)
Normal Charge Time: Less Than 1.5 hours
Primary 9 Cell Li-Ion Smart Battery, 4400mAh (Optional)
Normal Battery Life: 4.5 Hours (BatteryMark)
Normal Charge Time: Less Than 2 hours

Modem & LAN

Integrated Mobile Mini-PCI 56 K Baud V.90 Modem Module
Realtek® Integrated 10/100/1000 Gigabit Ethernet LAN Controller

Wireless Communication

Supports Intel® Wireless (either):
Intel® Wireless Wi-Fi 4965AGN 802.11 a + b + g Draft-n-Mini® Module
Intel® PRO/WIRELESS 3945ABG MINI-PCI-E 802.11A/B/G 54MBPS Wireless LAN Card
Integrated Bluetooth 2.0 (MS-6837V)

Keyboard & Pointing Device

Windows 103 Key Full Size Keyboard, 2.5 mm Travel or Stroke
Four Instant Launch Buttons (Email, Internet, WLAN, Personal Setting)
Touchpad Pointing Device with Two Click Buttons, Scroll Up/Down Key Support

AC Adapter

90W/19V; Input: 100~240V AC, 50/60Hz Universal

Environmental

Operating: 0° to 40°C (32° to 104°F) @ 50% Relative Humidity
Storage: -20° to 65°C (-4° to 149°F) @ 30% Relative Humidity

Regulatory & Product Certifications

EMI/RFI: FCC Class B, BSMI, CTick, CCC
Safety: Underwriter Laboratories 60950, 3rd Edition, CSA (cUL)
TUV, TUV-CB, CE-LVD Report
EPA: Energy Star Compliant
Other: CE

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